ABSTRACT

A cell including a cathode having a second cathode active material of a relatively high energy density but of a relatively low rate capability sandwiched between two current collectors and with a first cathode active material having a relatively low energy density but of a relatively high rate capability in contact with the opposite sides of the current collectors, is described. In this type of cell construction, it is important that the weight ratio of the first and second cathode active materials is within a strict tolerance. Further, it is important to be able to track and record this information, as well as other data, for each cell built in a production facility. Marking the current collectors and the cell casing with identifying I.D. matrixes that are read and recorded during cell manufacture does this.